

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/10523

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(8) : C12N 15/82; A01H 5/10; US CL : 800/301, 279 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 800/301, 279 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPat; JPO, EPO, Derwent, PGPub		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 6,551,962 B1 (Pershing et al) 22 April 2003 (04.22.2003), column 3, line 5, to column 4, line 34, claims 1-43	1-5, 7-12, 16-20, 22-28 6, 13-15, 21, 29-30
X — Y	US 6,156,573 A (MALVAR et al) 5 December 2000 (05.12.2000), see claims 1-23, column 8, line 16, to column 9, line 52; column 35, line 5, to column 41, line 49; Table 4.	1-4, 6, 8-11, 13, 16-19, 21, 23-26 and 28 14-15 and 29-30
Y	US 5,990,395 (PLAISTED et al) 23 November 1999 (23.11.1999), see column 9, line 61, to column 10, line 16; column 10, line 59, to column 11, line 52.	14-15 and 29-30
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 29 December 2005 (29.12.2005)		Date of mailing of the international search report 14 FEB 2006
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Anne R. Kubelik Telephone No. (571) 272-0547